

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 3060.PC

First Inventor: Hongjiie Cao

Title: Use of Acrylates Copolymers as Waterproofing Agent in Personal Care Applications

Express Mail Label No.: EL569399731US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)

2.  Applicant claims small entity status.  
See 37 CFR 1.27.

3.  Specification [Total Pages 19] (preferred arrangement set forth below)
 

- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113) [Total Sheets       ]

5.  Oath or Declaration [Total Pages 2]
 

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 

- a.  Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))

10.  37 CFR 3.73(b) Statement  Power of Attorney (when there is an assignee)

11.  English Translation Document (if applicable)

12.  Information Disclosure  Copies of IDS Statement (IDS)/PTO-1449 Citations

13.  Preliminary Amendment

14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

16.  Nonpublication Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17.  Other \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a Preliminary Amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-Part (CIP) of prior application No. \_\_\_\_\_Prior application information: Examiner \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an Oath or Declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying Continuation or Divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Label  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Karen G. Kaiser				
Address	NATIONAL STARCH AND CHEMICAL COMPANY 10 Finderne Avenue				
City	Bridgewater	State	New Jersey	Zip Code	08807-0500
Country	U.S.A.	Telephone:	908-575-6152	Fax:	908-707-3706
Name (Print/Type)	Karen G. Kaiser		Registration No. (Attorney/Agent)	33,506	
Signature	<i>Karen G. Kaiser</i>		Date	11/26/03	

031088 US PTO  
10/7/2003

112603  
16569  
U.S. PTO

# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)1,330.00

## Complete if Known

Application Number	
Filing Date	<u>November 26, 2003</u>
First Named Inventor	<u>Cao et al</u>
Examiner Name	
Art Unit	
Attorney Docket No.	<u>3060. PC</u>

## METHOD OF PAYMENT (check all that apply)

Check  Credit card  Money Order  Other  None  
 Deposit Account:

Deposit Account Number 14-0455  
 Deposit Account Name

The Commissioner is authorized to: (check all that apply)  
 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

SUBTOTAL (1) (\$)770.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	<u>28</u>	-20** = <u>8</u>	Extra Claims	<u>18.00</u>	Fee from below	<u>144.00</u>	Fee Paid
Independent Claims	<u>4</u>	-3** = <u>1</u>		<u>86.00</u>		<u>86.00</u>	
Multiple Dependent				<u>290.00</u>		<u>290.00</u>	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)520.00

\*\*or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)40.00

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	<u>Karen G. Kaiser</u>	Registration No. (Attorney/Agent)	<u>33,566</u>	Telephone	<u>908-575-16152</u>
Signature	<u>Karen G. Kaiser</u>			Date	<u>11/26/03</u>

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.